



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Tuesday April 12, 2022

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



Summary of the Upcoming Week

- **Critical to Extremely Critical fire weather conditions / very gusty winds across NM, W/NW TX, the TX/OK Panhandles, and W OK today expanding into Central/South TX tomorrow.**
- **Enhanced Risk of severe storms today for N/Central TX with a Slight risk across AR, LA, OK, and E/SE TX.**
- **Enhanced Risk of severe storms on Wednesday across much of AR into N LA with a Slight risk across E/SE TX, SE OK, & S LA.**
 - **AR and N LA: Damaging winds, some of which could be significant, several tornadoes (some strong), and large to very large hail likely.**



FEMA Region 6 Threat Matrix

Apr 12, 2022 - Apr 16, 2022

| DAY / THREAT | Tue | Wed | Thu | Fri | Sat |
|--------------------------------|--|----------------------|--------|--------|--------|
| Severe Storms | N/Central TX | AR, N LA | | | |
| | AR, LA, E/SE TX | E/SE TX, SE OK, S LA | | | |
| Heavy Rain / Flash Flooding | AR, LA E TX | AR, LA | | | |
| Fire Weather | E NM, W TX, W OK TX/OK Panhandles | NM, TX, W OK | | | |
| | NM, NW TX | | | | |
| Winds | NM, W TX, TX/OK Panhandles, W OK | NM, TX, W OK | | | |
| River Flooding | LA, AR | LA, AR | LA, AR | LA, AR | LA, AR |

| | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

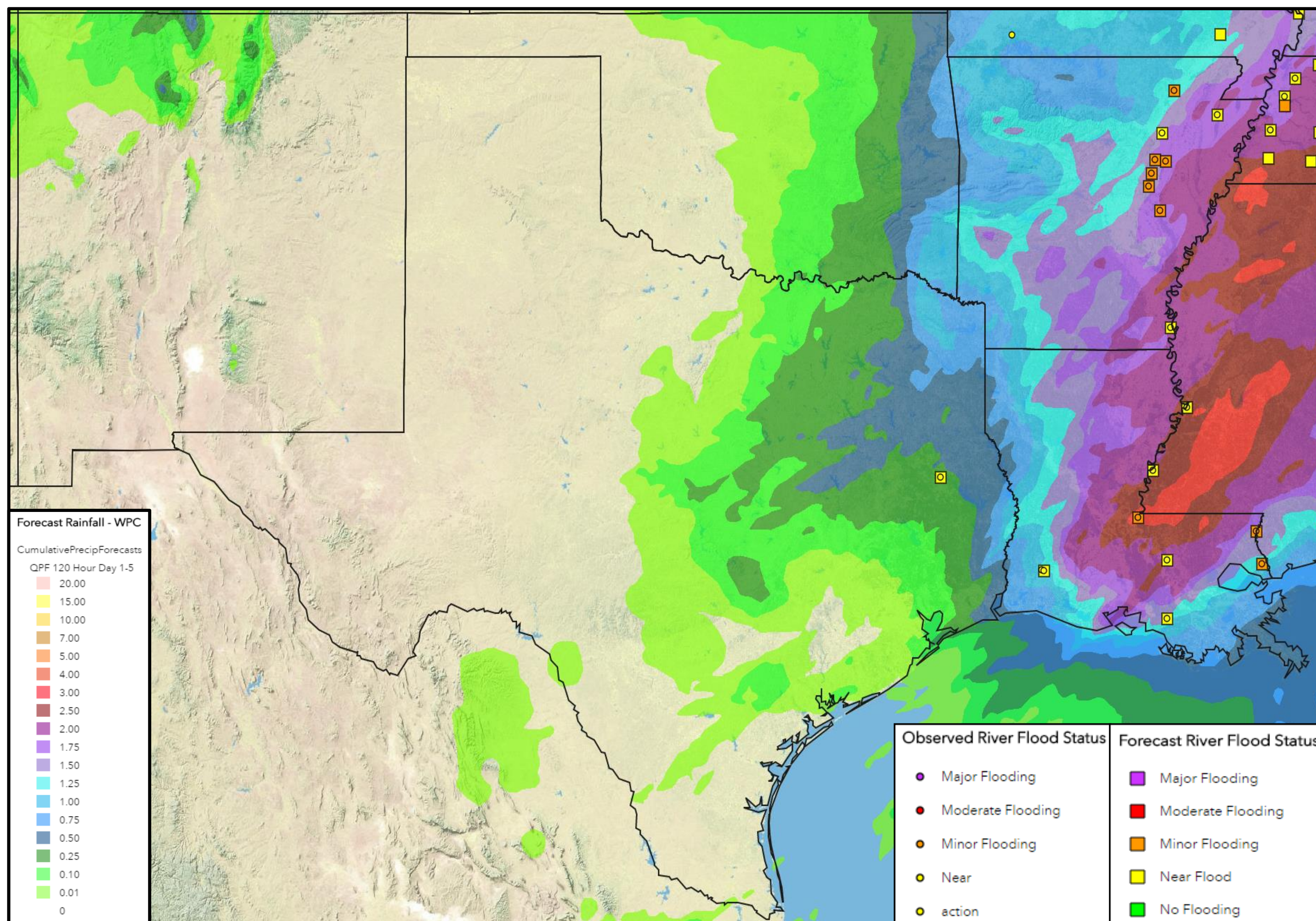
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.



5-Day Precipitation Forecast & River Flood Status

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Minor river flooding continues across Portions of LA, and AR with impacts to agricultural areas, timberland, secondary roads, and recreational areas.

MS River at Red River Landing in LA continues in minor flood impacting river traffic and access roads near the river. Forecast to drop below minor flood on Wednesday.

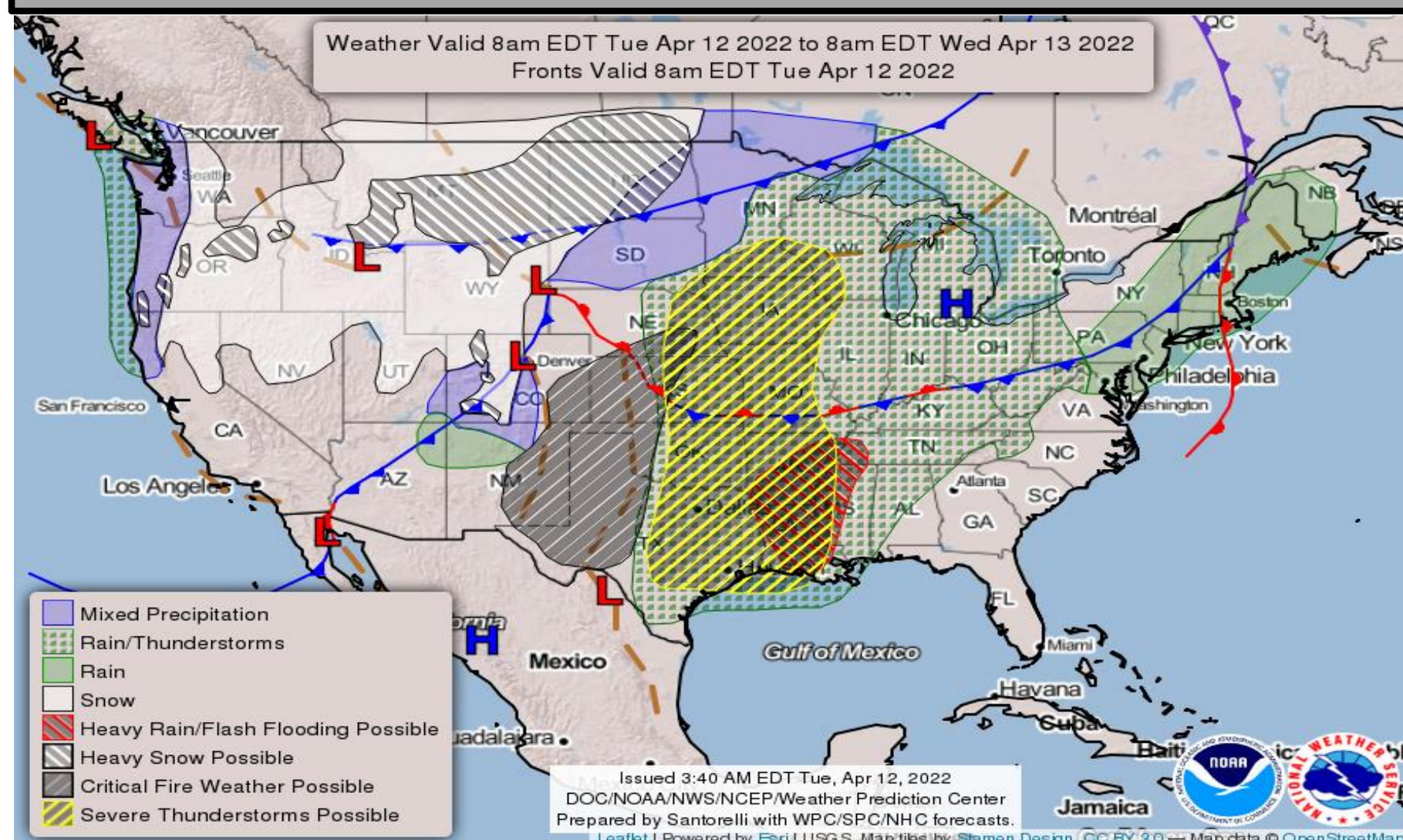
Forecast rainfall will result in continued minor flooding and potentially additional minor river flooding in AR and LA.

<http://water.weather.gov/ahps> for latest river flooding

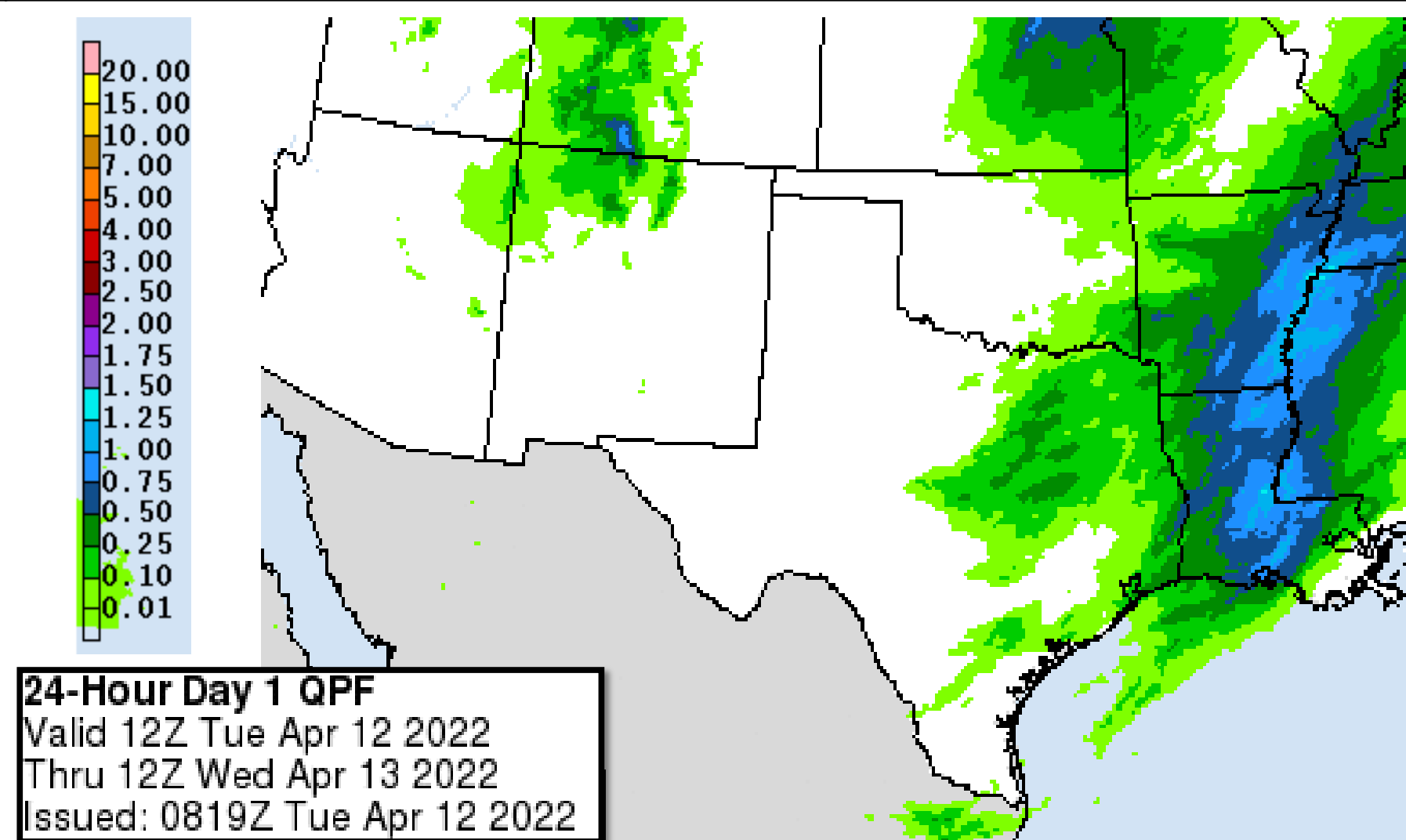


Today's Weather

Forecast Chart



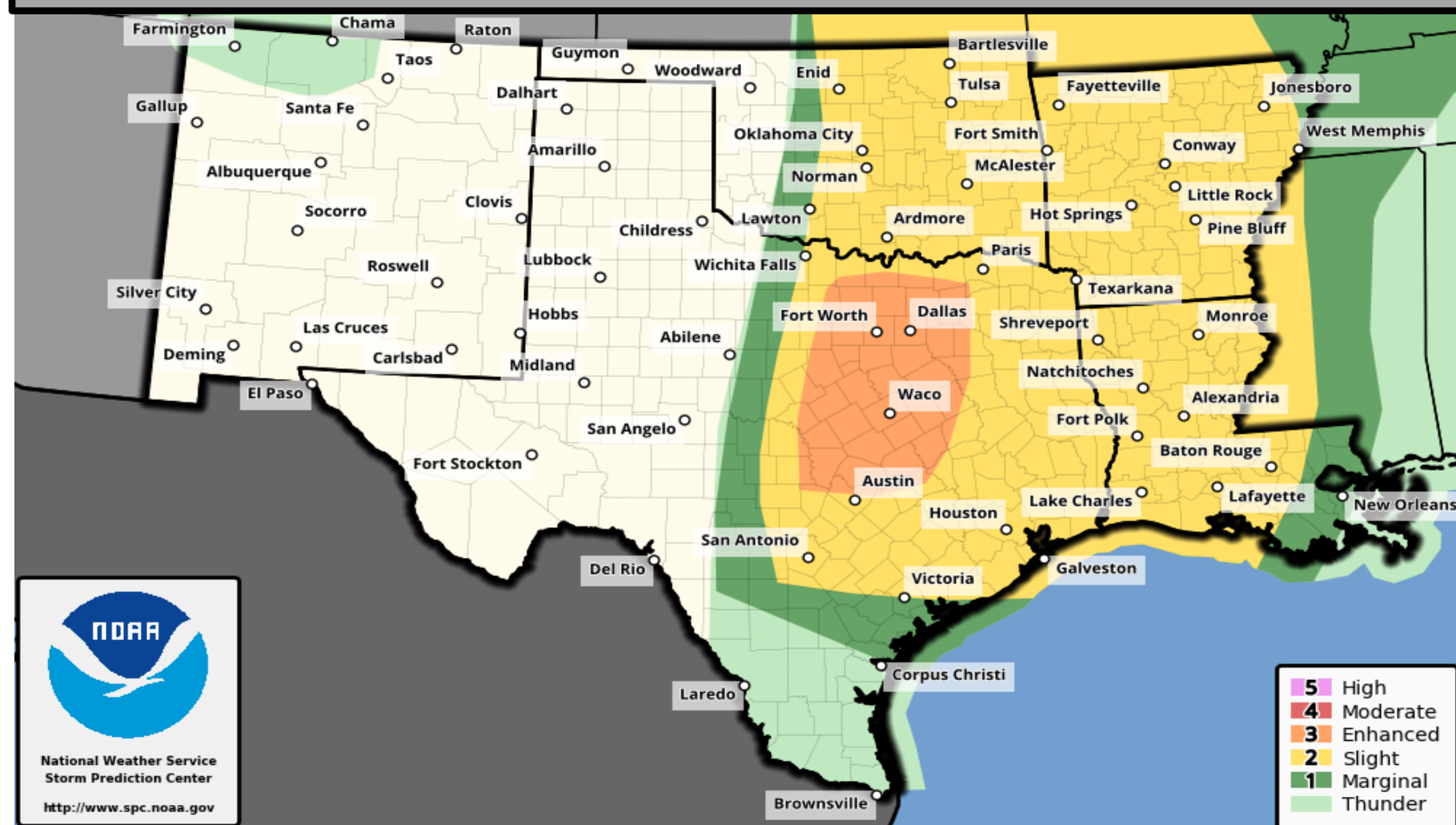
Forecast Rainfall



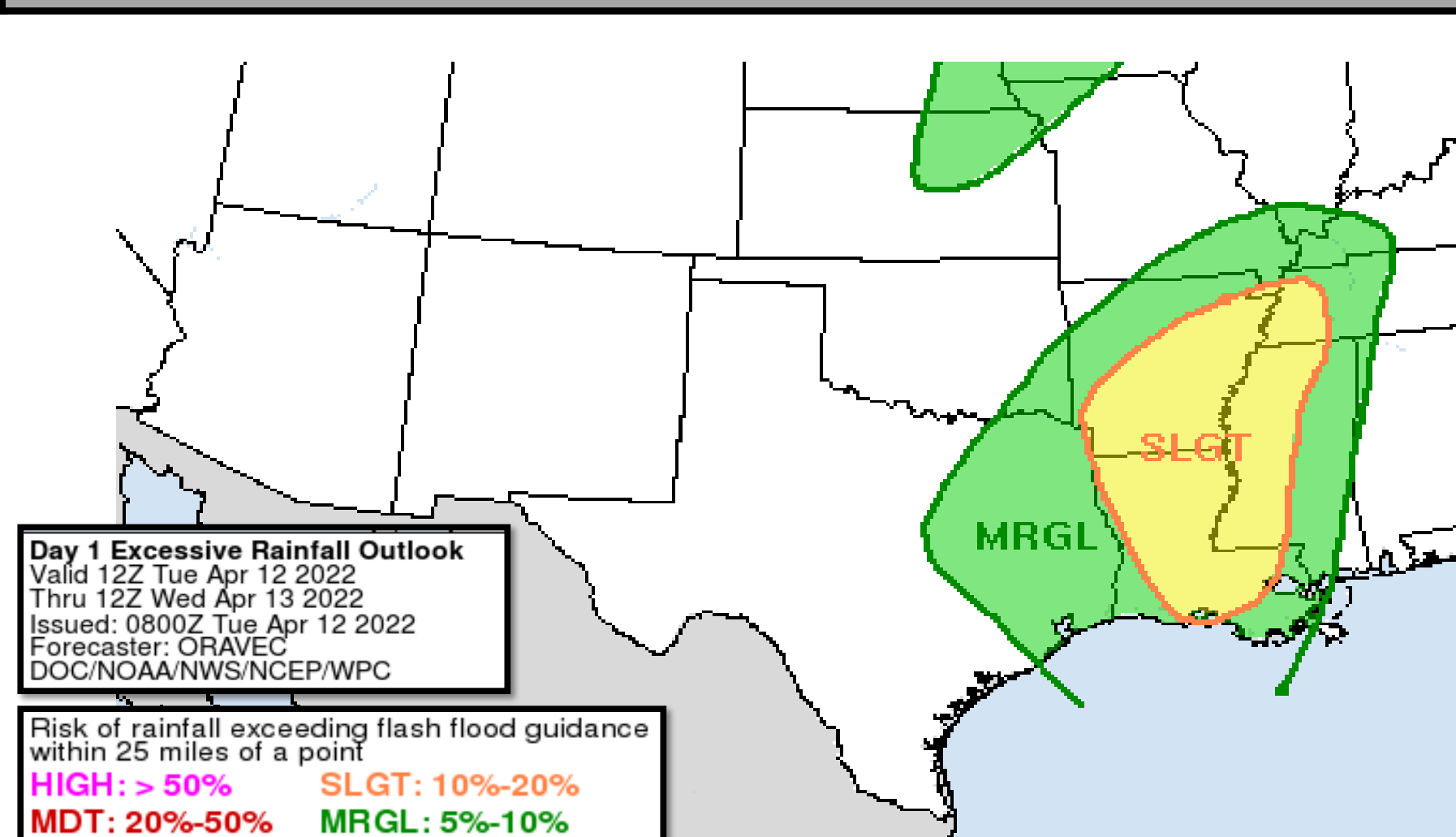
Enhanced risk of severe storms across N/Central TX. Large to very large hail, damaging winds, and a few tornadoes are likely.

Slight risk of severe thunderstorms across AR, OK, LA, and E/SE TX. Damaging winds and hail are the main threats. A few tornadoes are possible.

Severe Weather Outlook



Excessive Rainfall Outlook



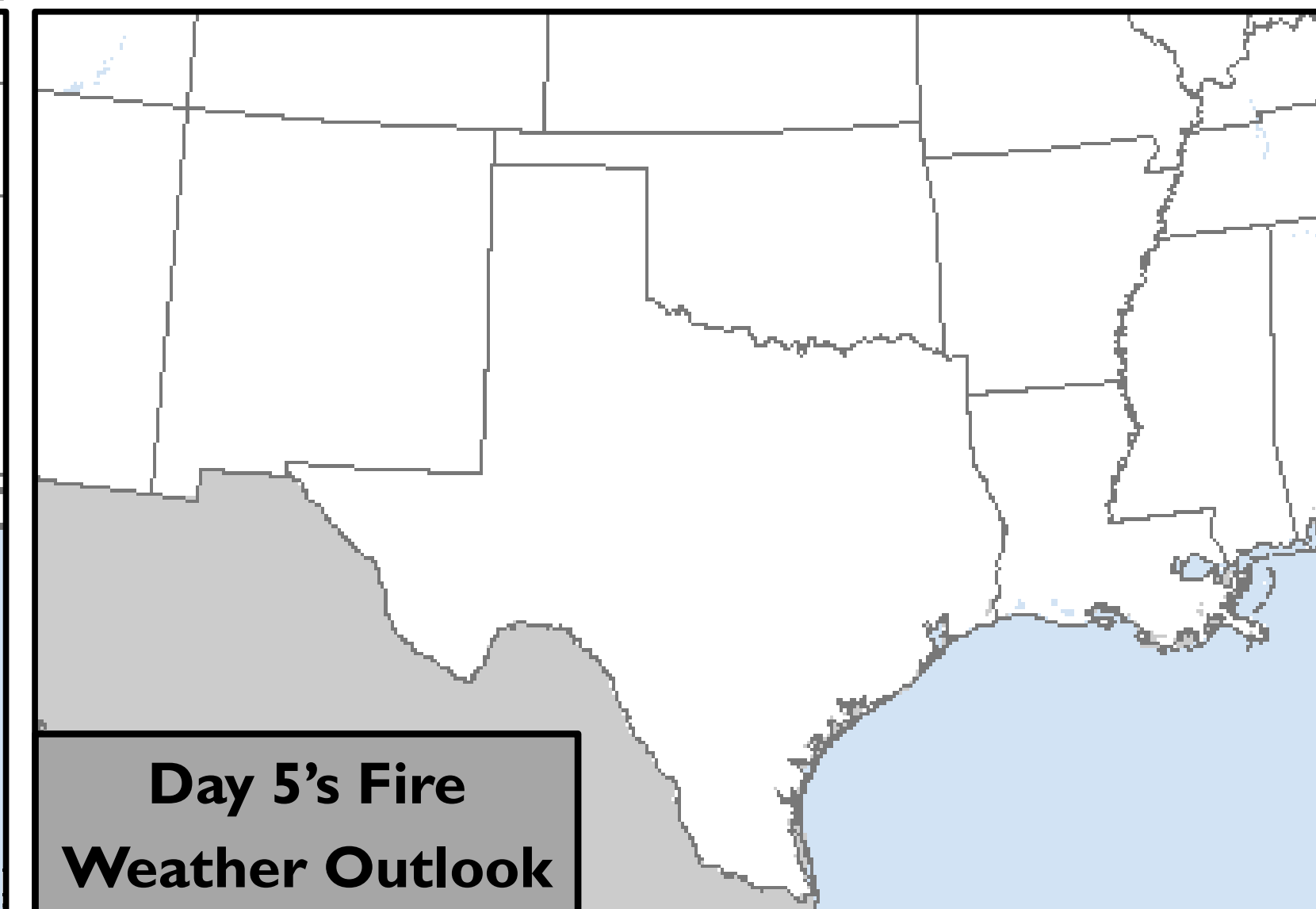
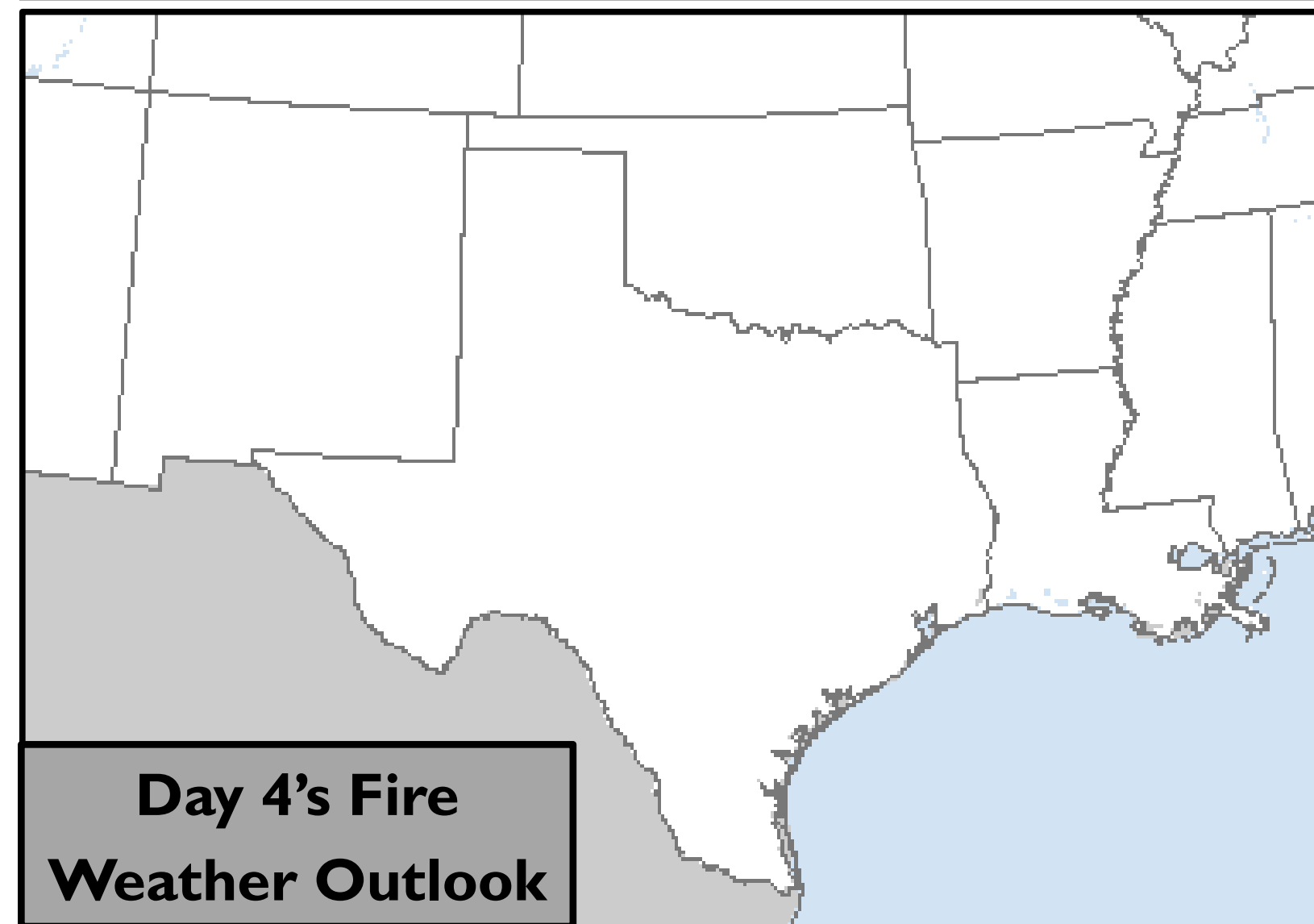
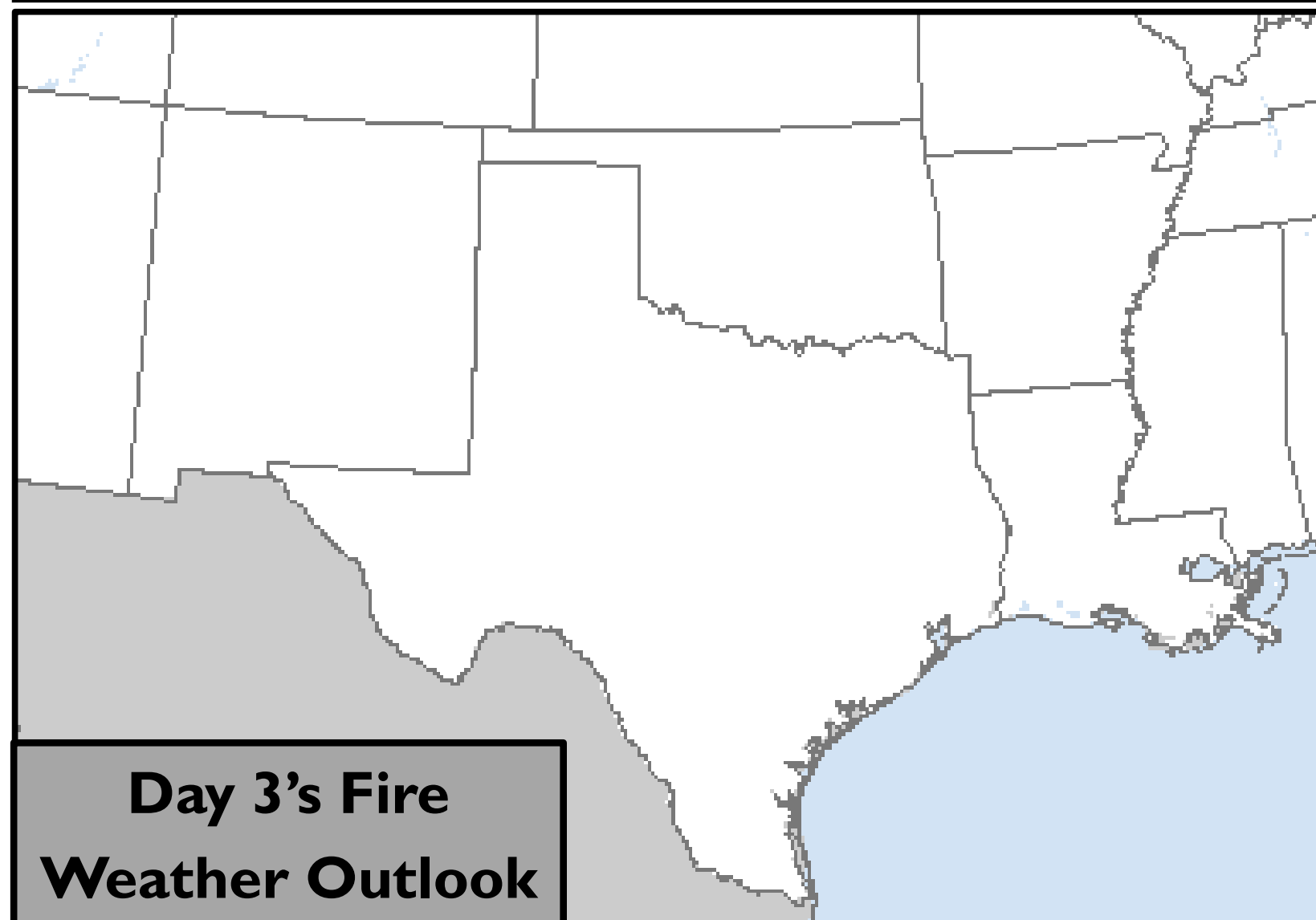
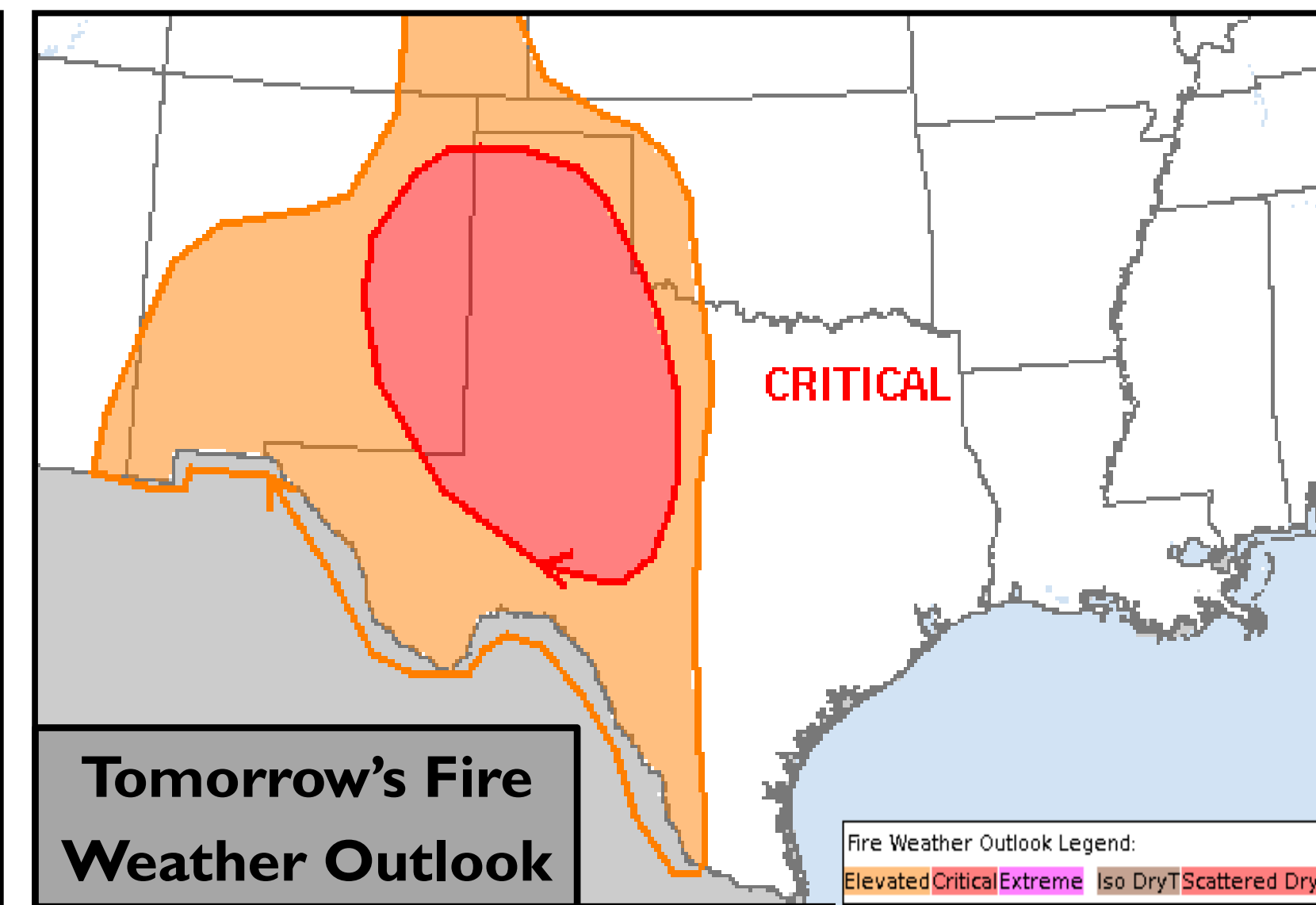
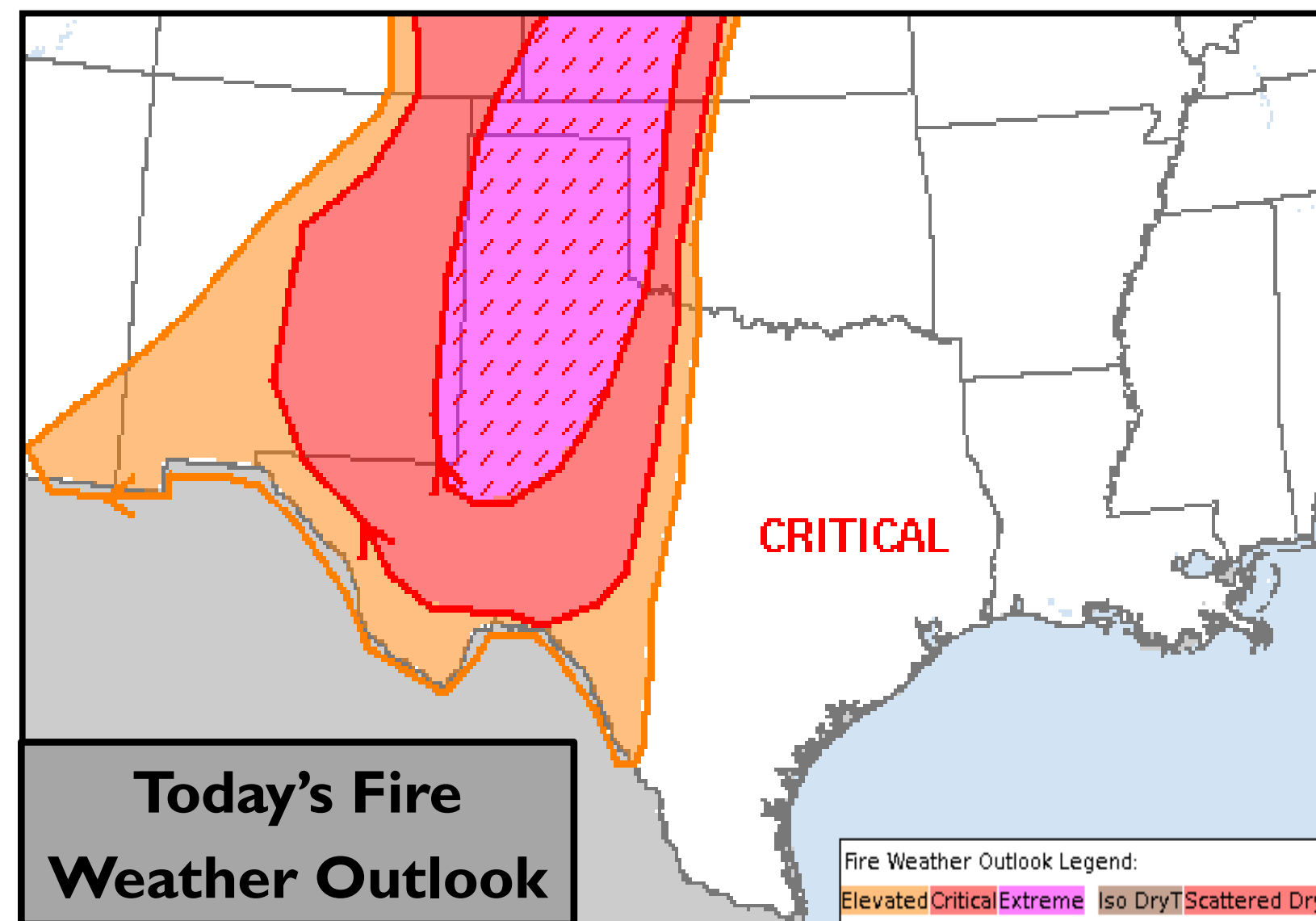
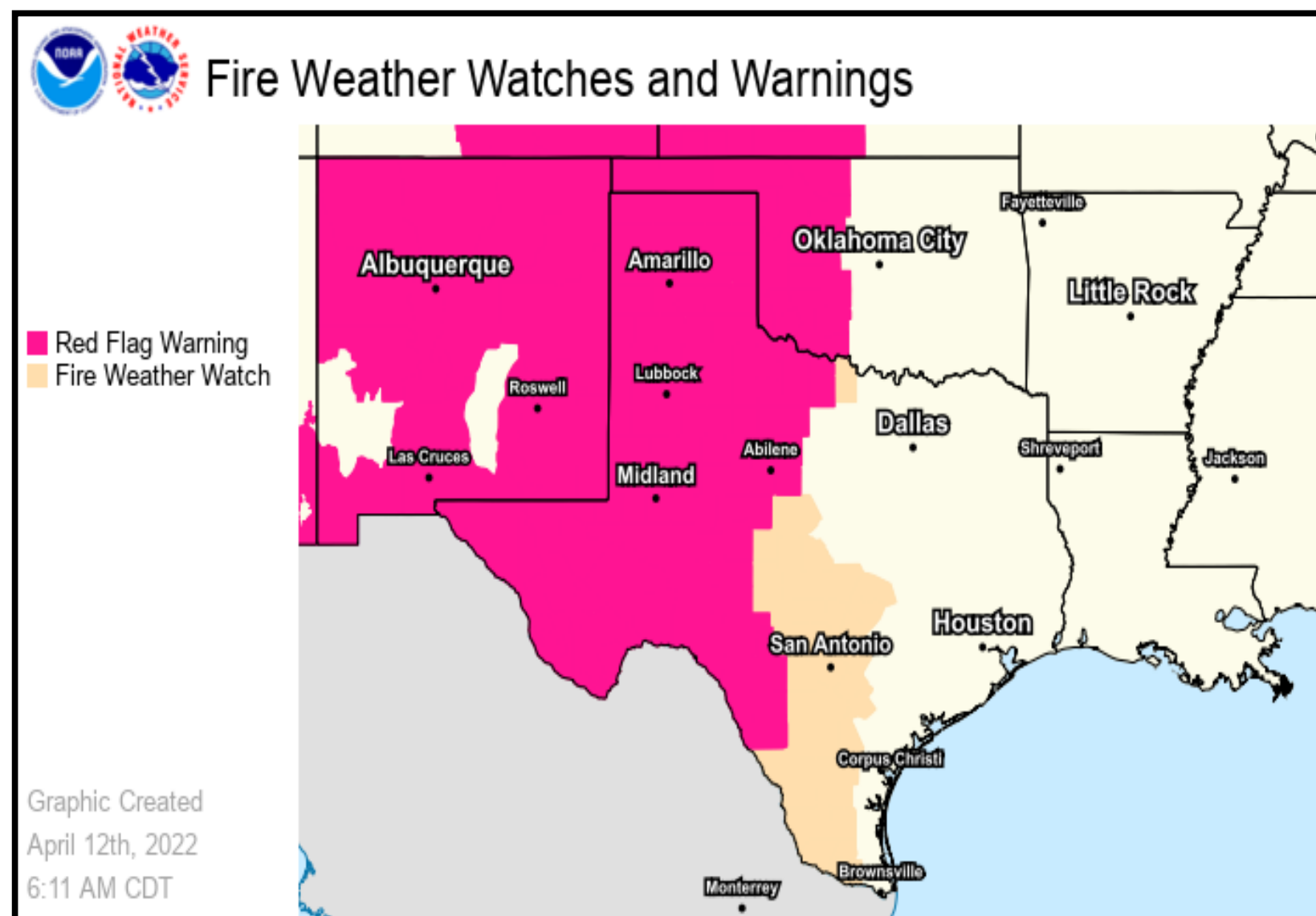
Critical to Extremely Critical fire weather conditions and very gusty winds for NM, the TX/OK Panhandles, W/NW TX, and W OK.

Isolated heavy rain/flooding possible in AR, LA, and E TX.



Fire Weather Outlooks

Note: Days 3-5 only highlight critical areas

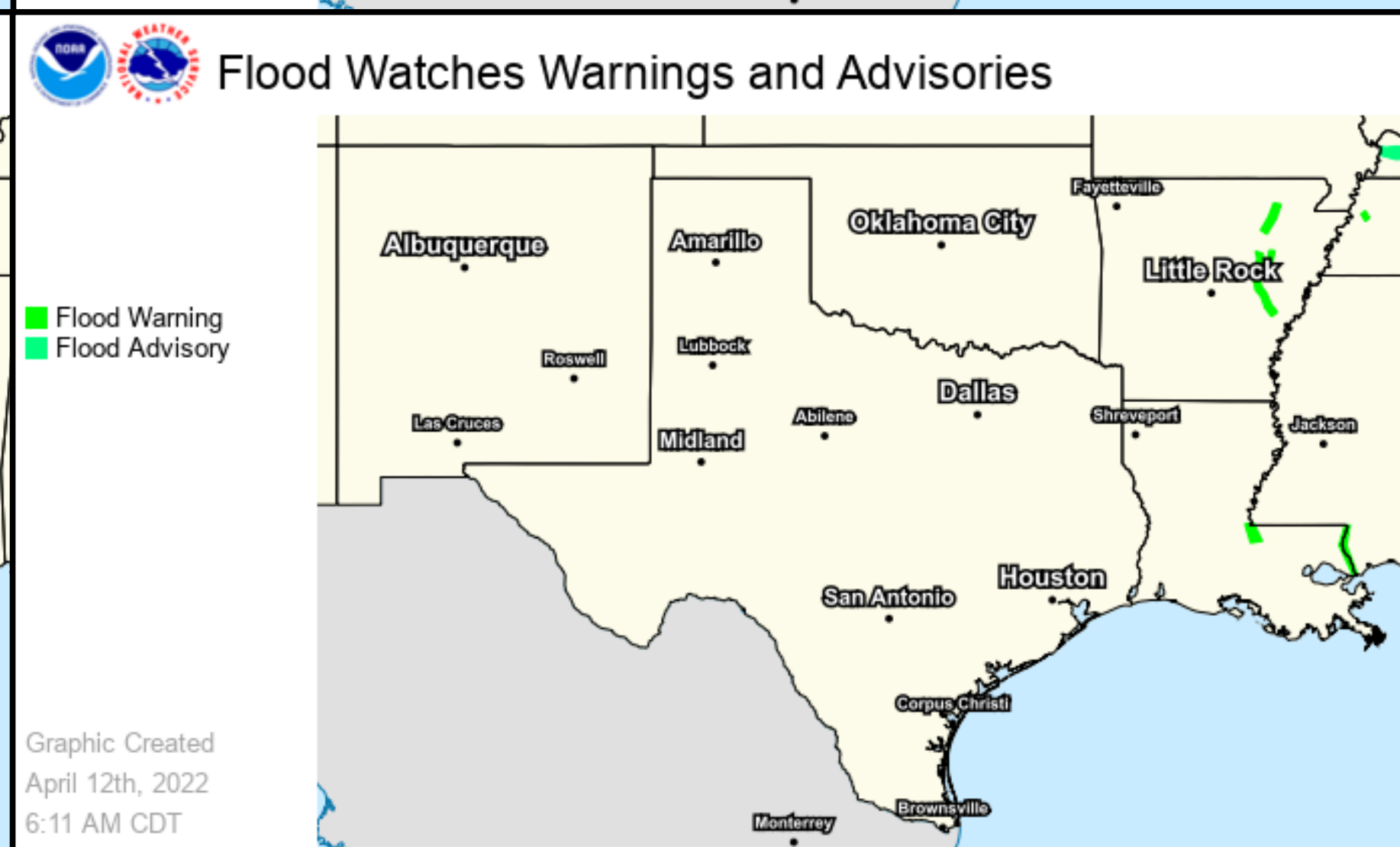
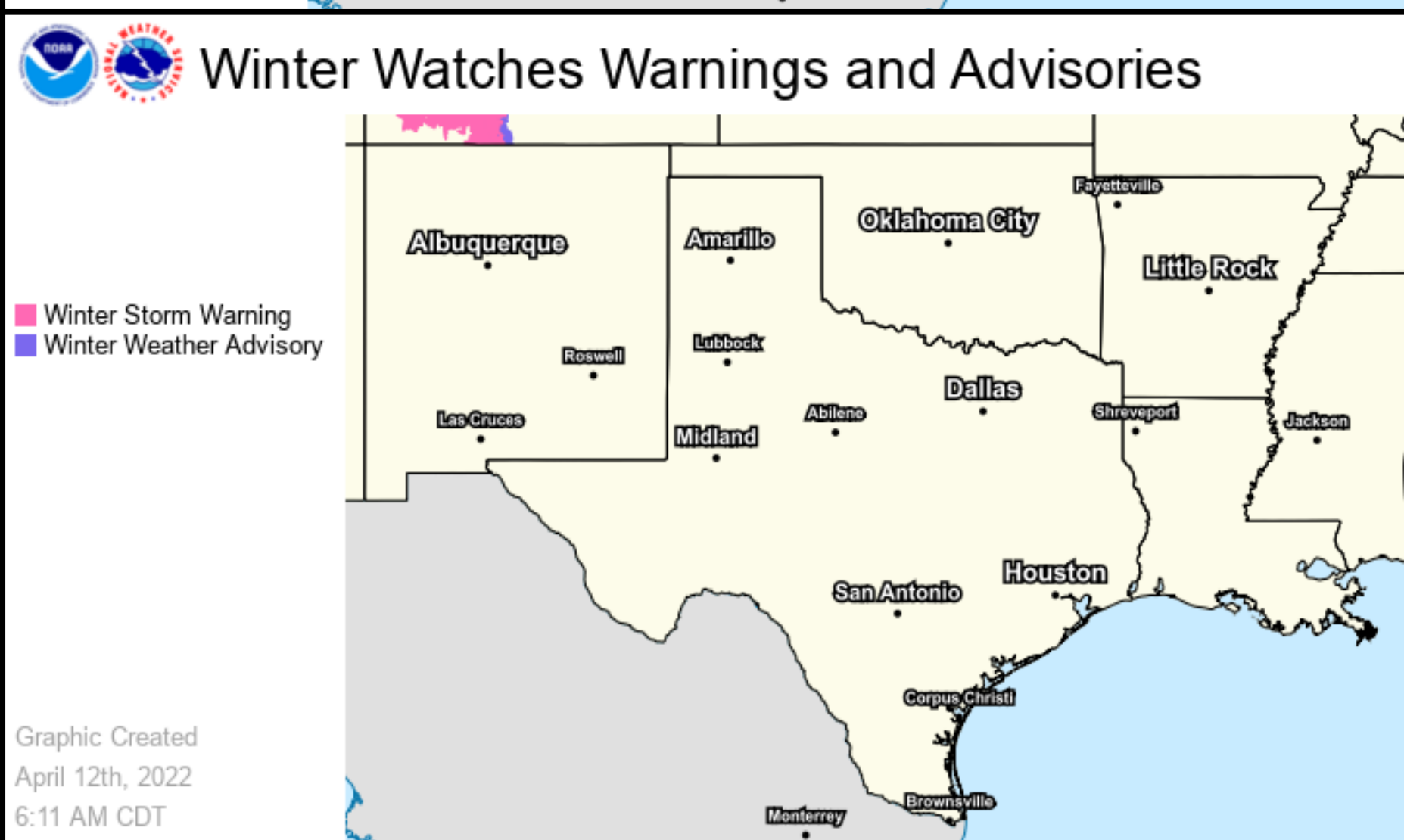
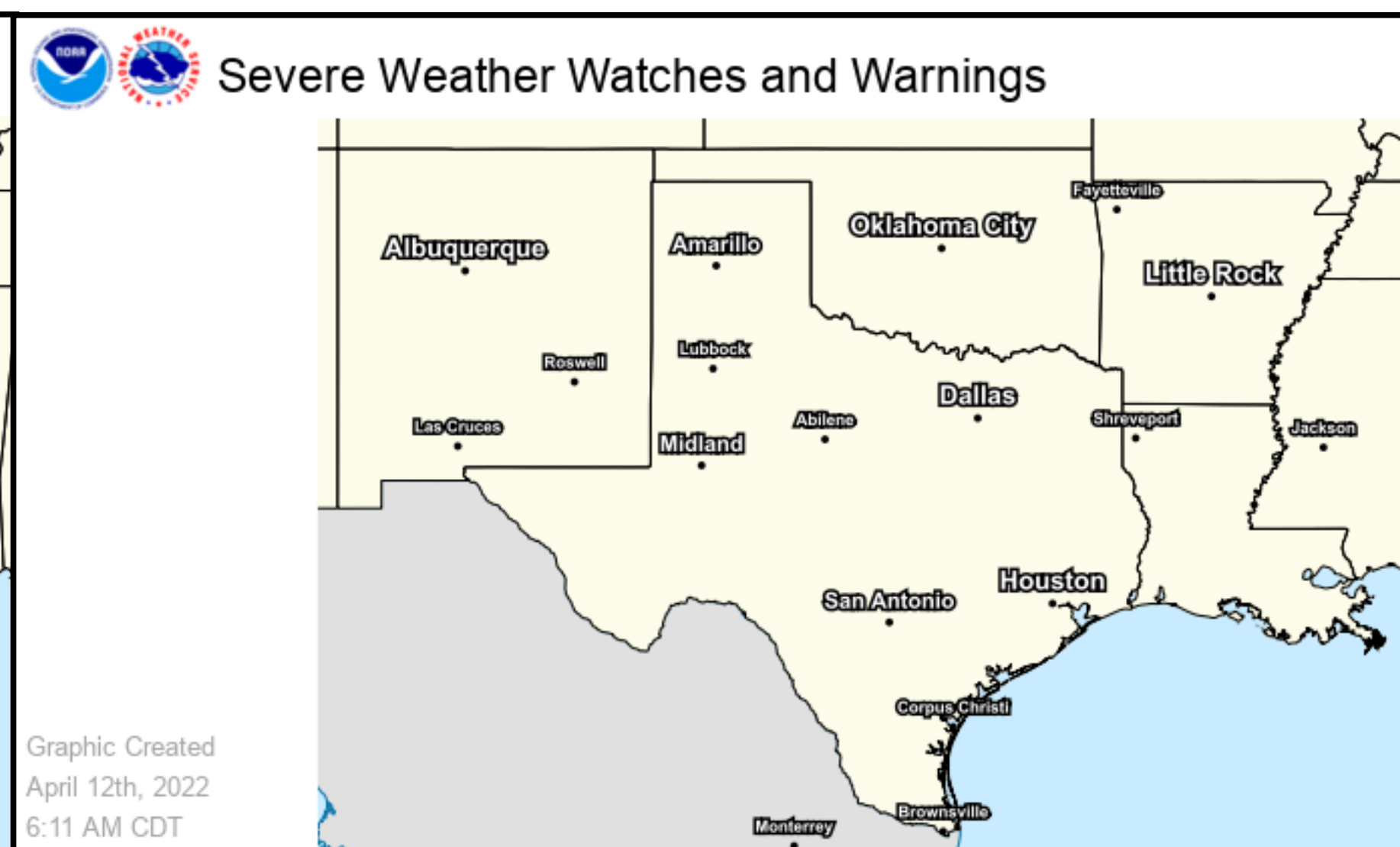




Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards

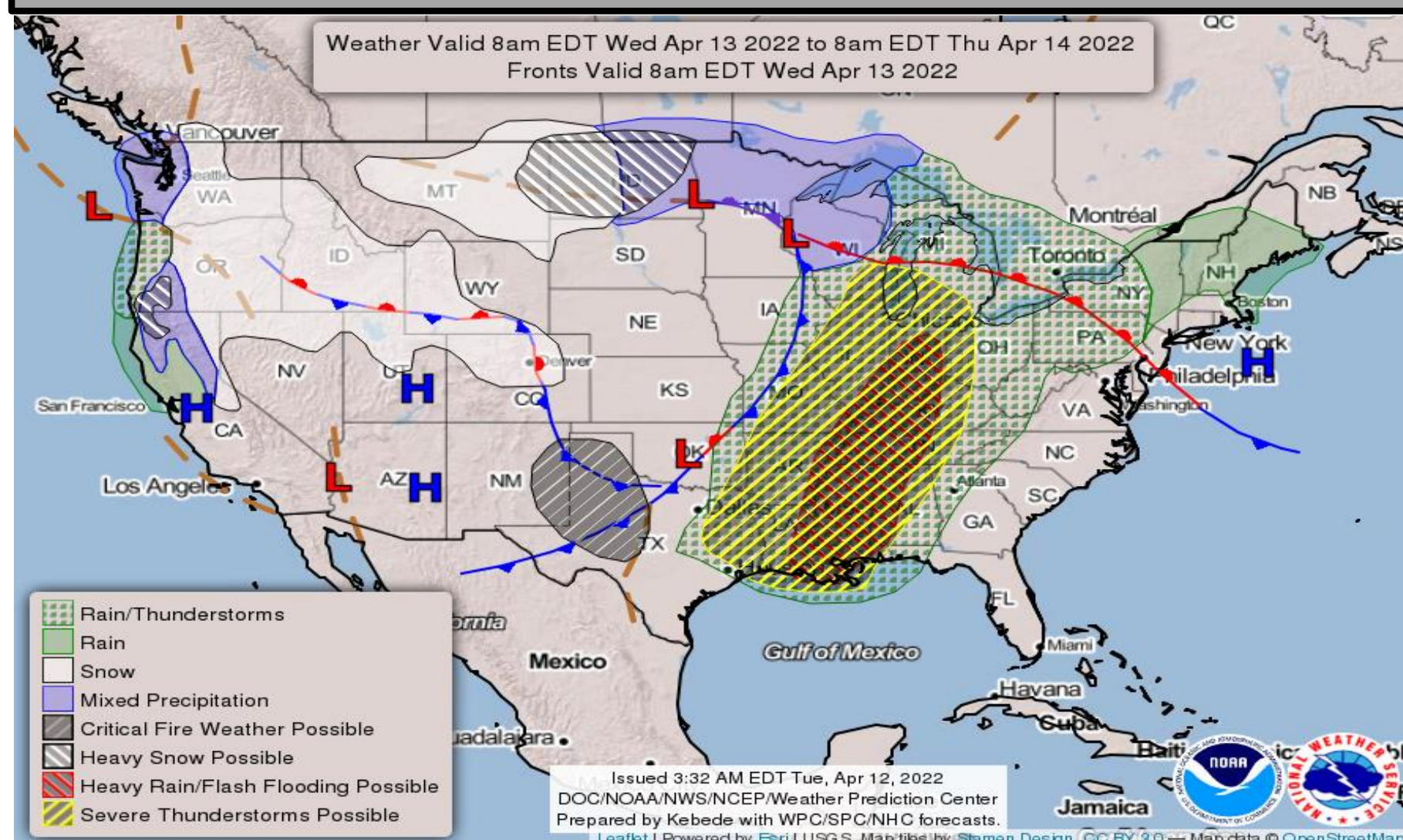
High Wind Warnings and Wind Advisories for much of NM, the TX/OK Panhandles, W TX, and W OK.



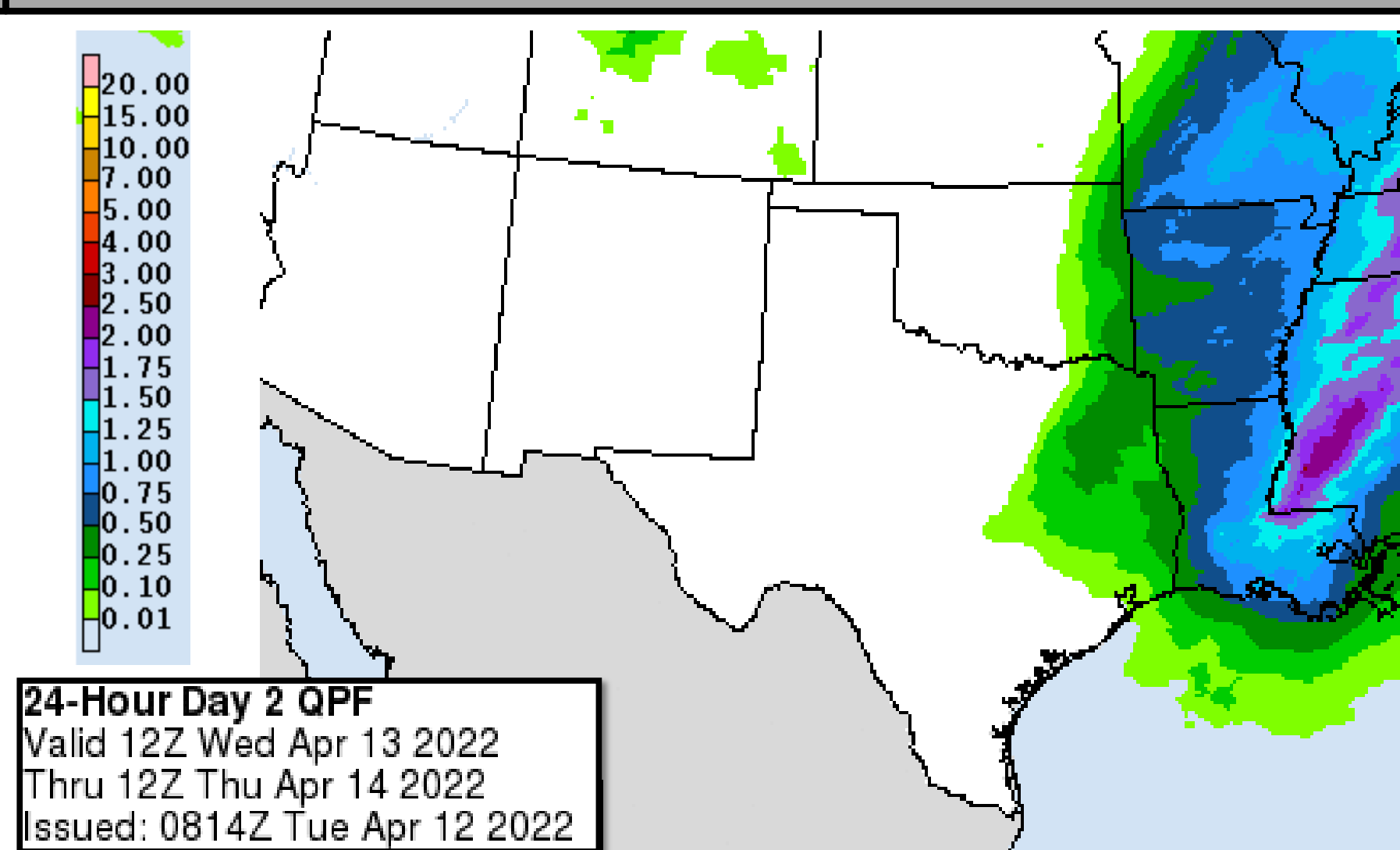


Tomorrow's Weather

Forecast Chart



Forecast Rainfall



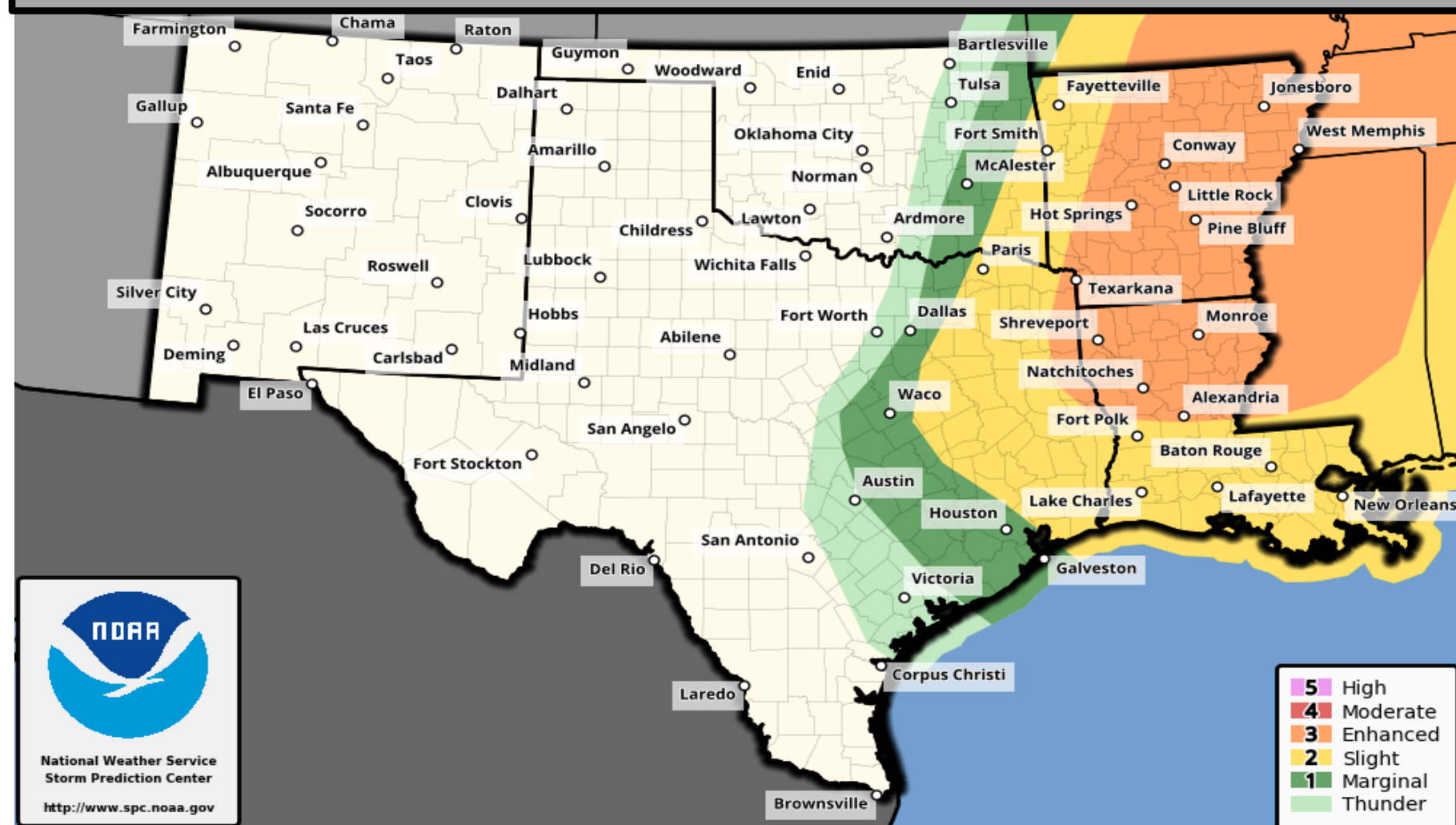
Enhanced risk of severe storms across AR, N LA, SE OK, and NE TX. Large to very large hail, damaging winds and tornadoes will all be possible. Strong tornadoes may occur.

Slight risk of severe thunderstorms across E/SE TX, SE OK, and S LA. Damaging winds and hail are the main threats. A few tornadoes are possible.

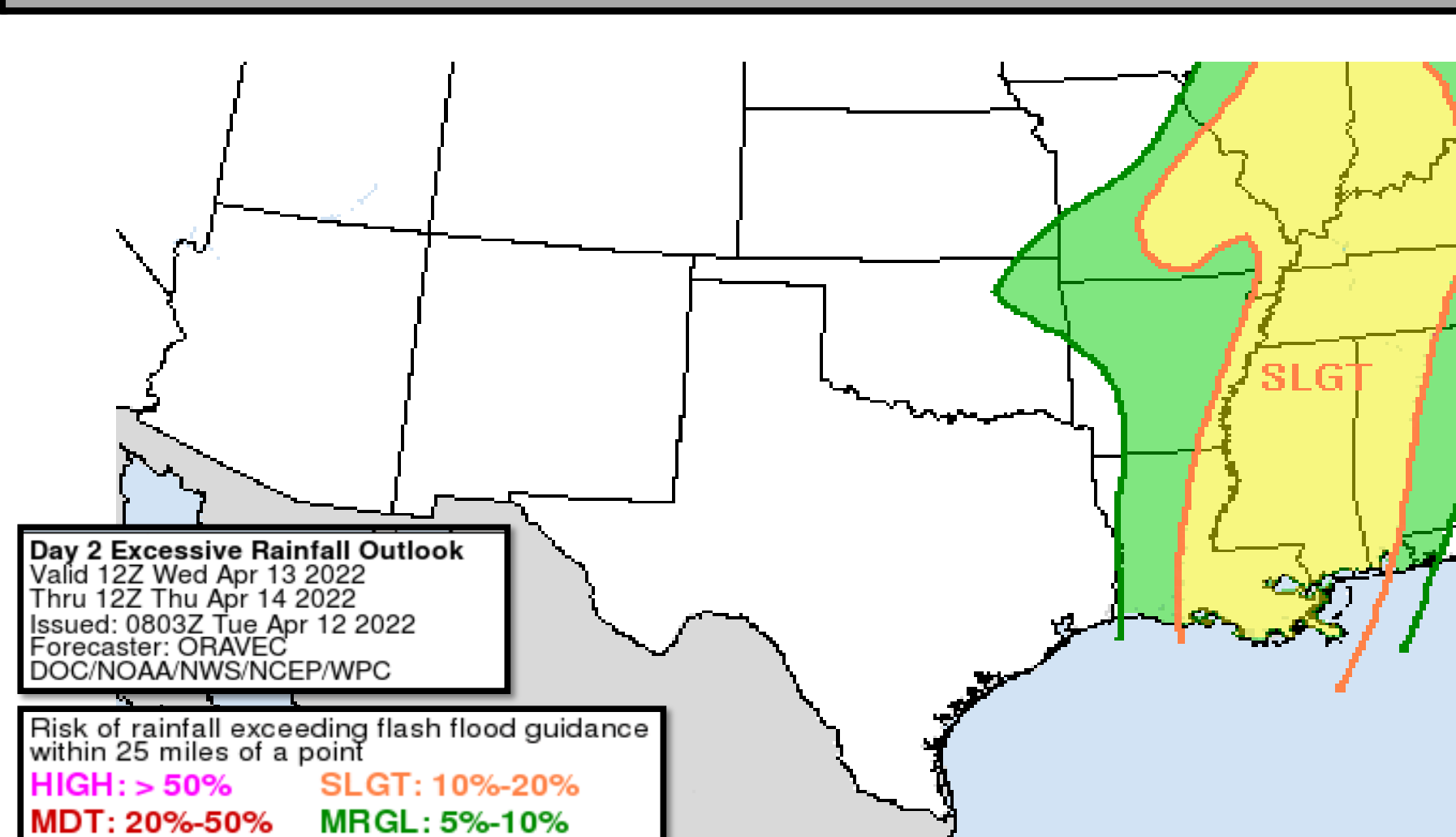
Critical fire weather conditions and gusty winds for much of NM, TX, and W OK.

Isolated heavy rain/flooding possible in AR and LA.

Severe Weather Outlook



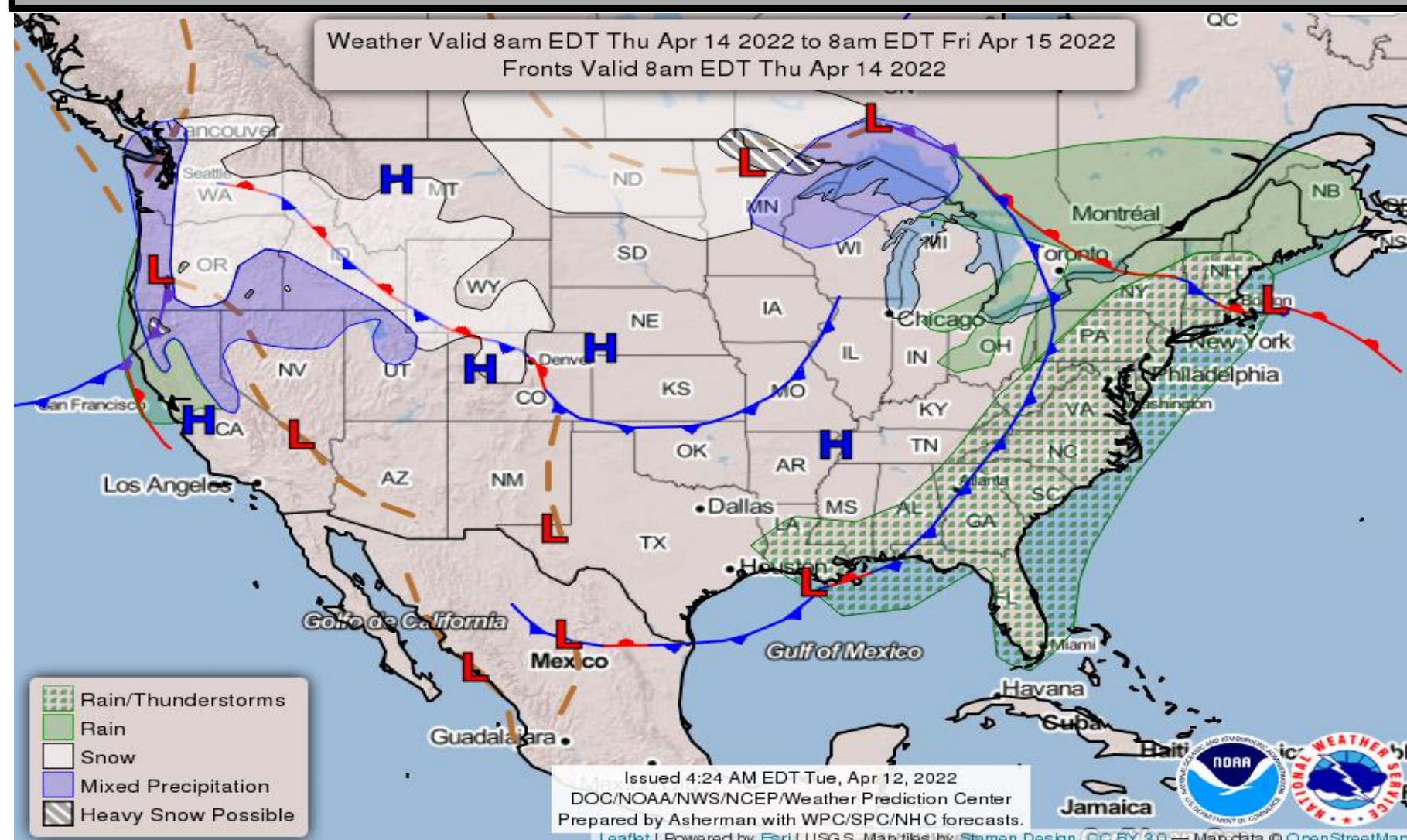
Excessive Rainfall Outlook



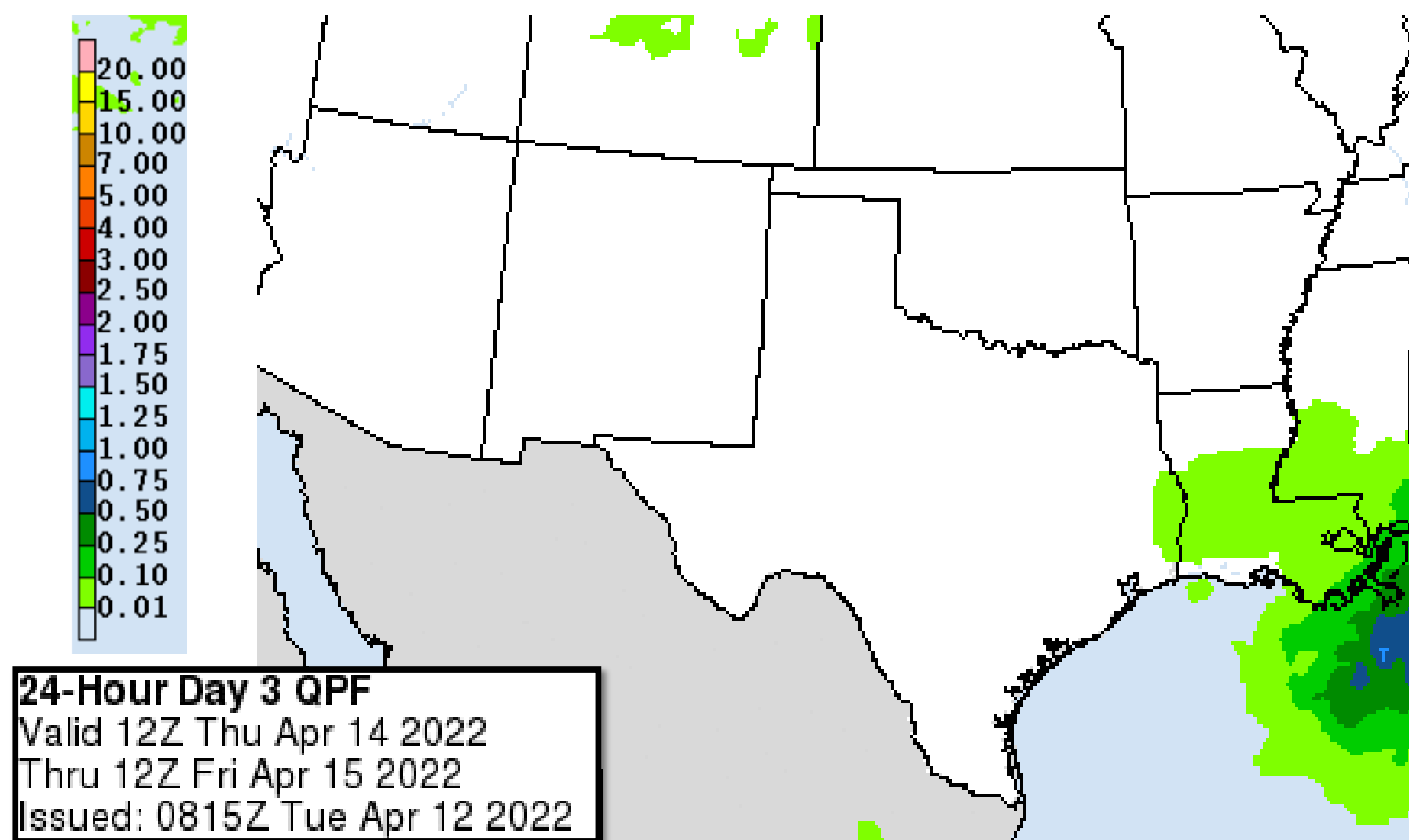


Thursday's Weather

Forecast Chart

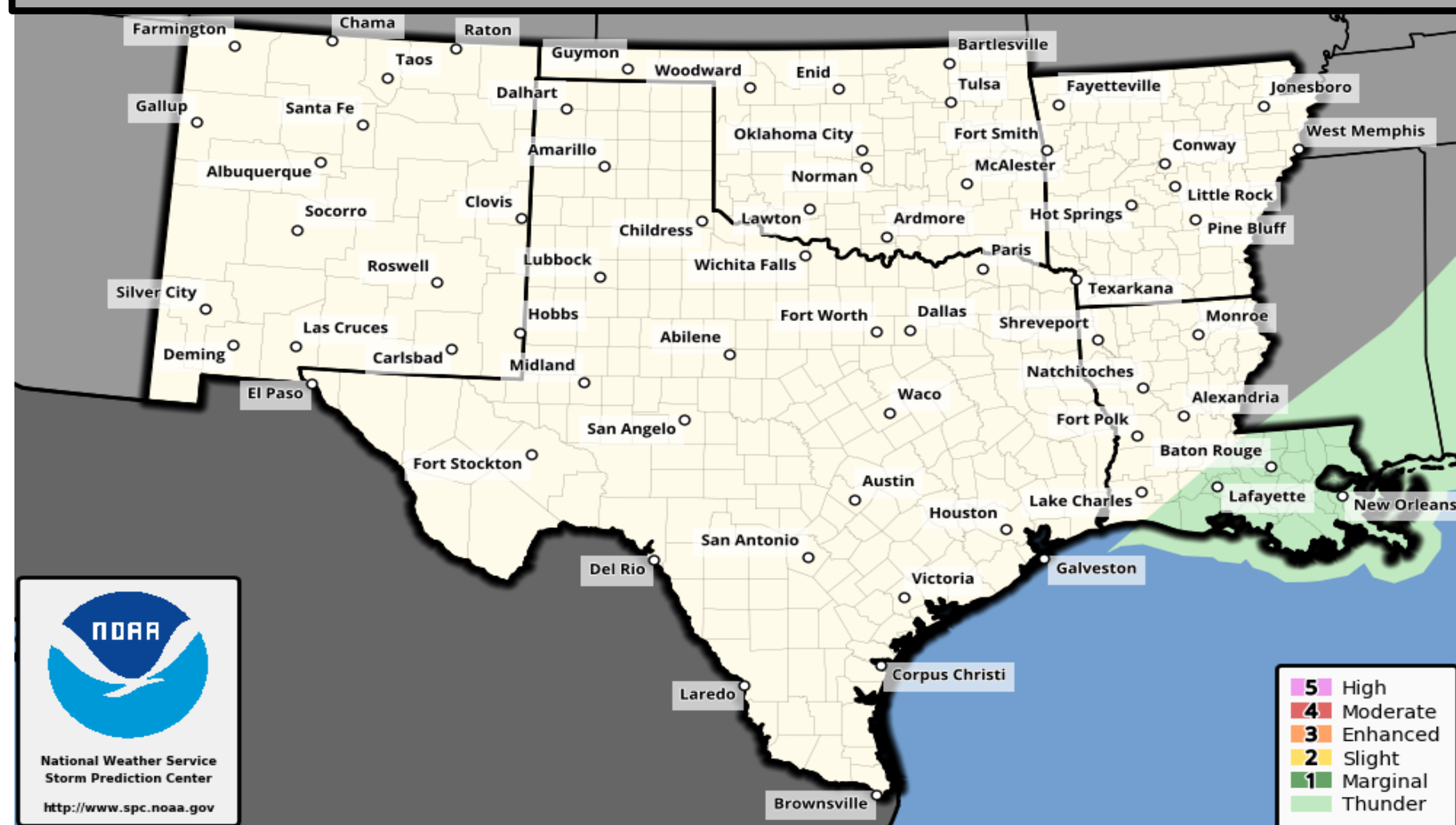


Forecast Rainfall

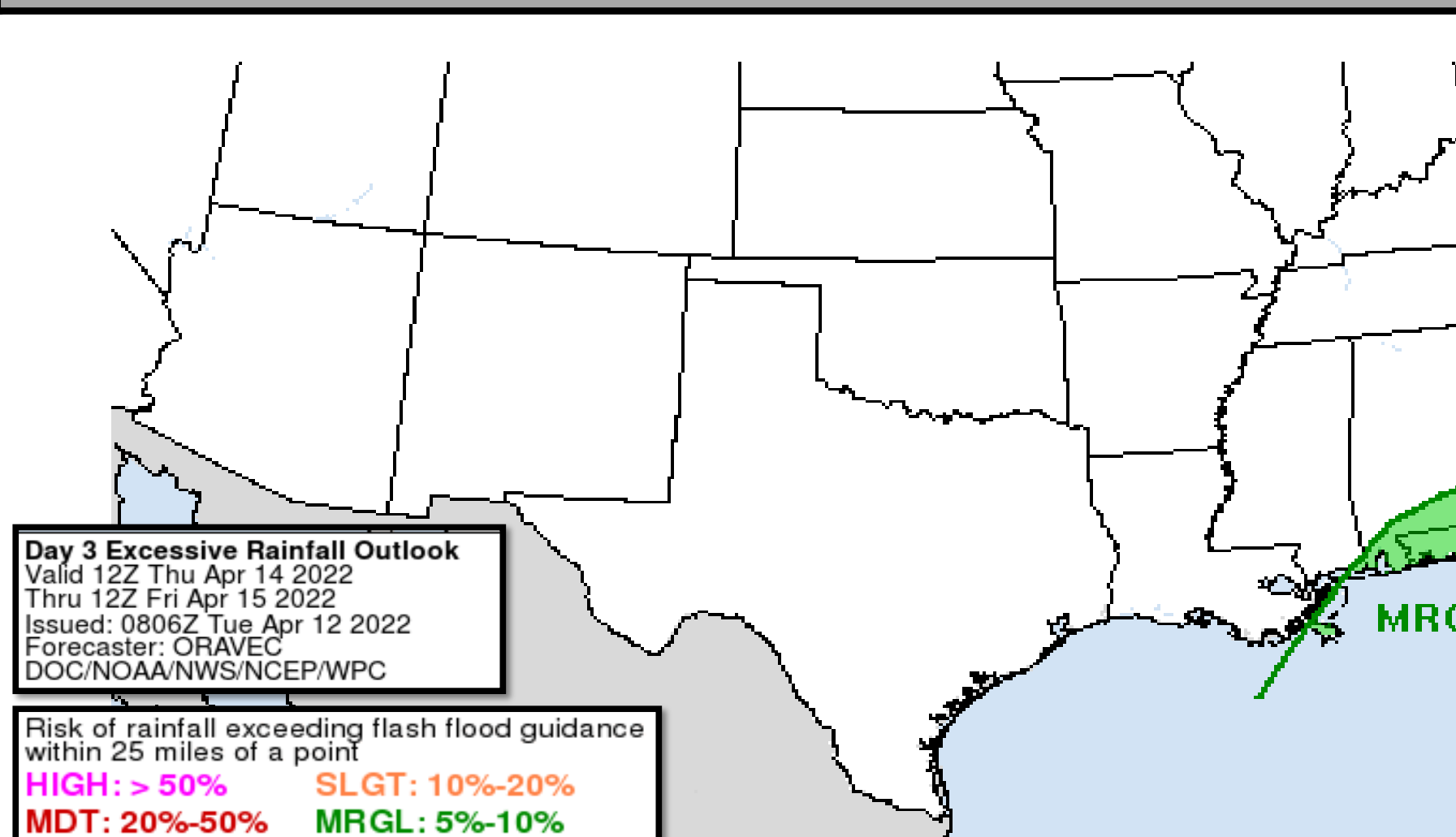


No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlook

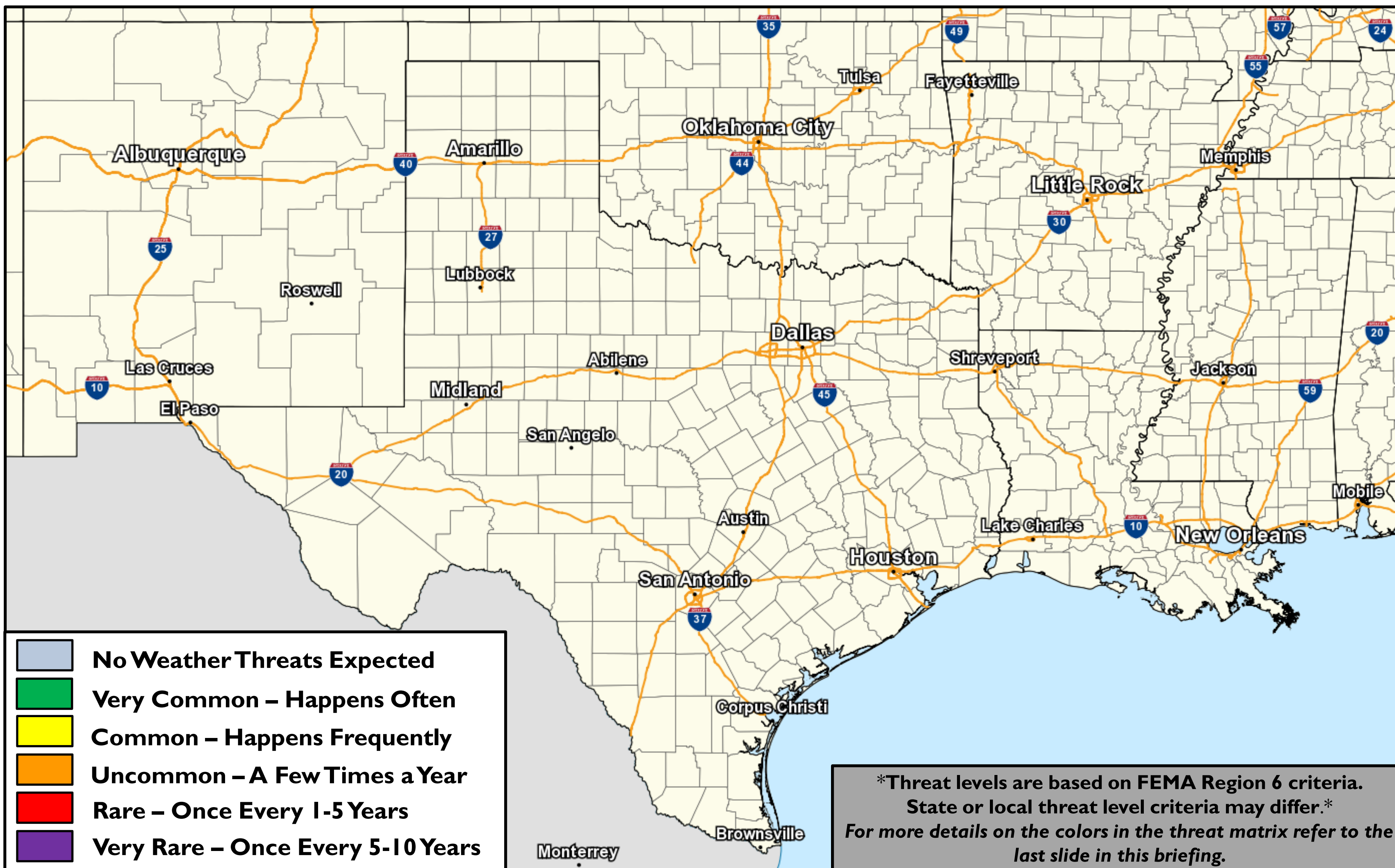




Days 4-5 Weather Hazards

Friday - Saturday

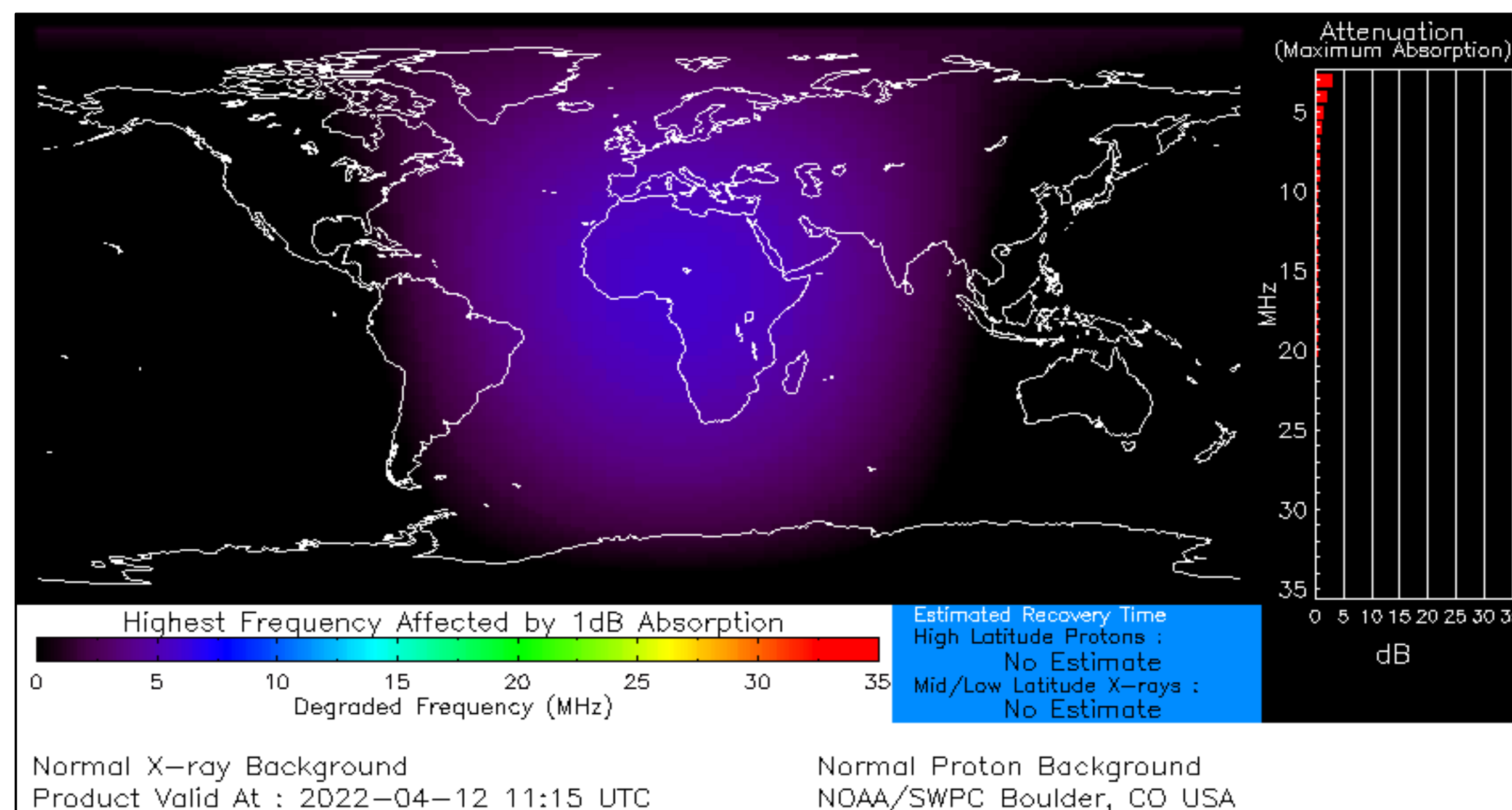
No Significant Weather Impacts Expected.





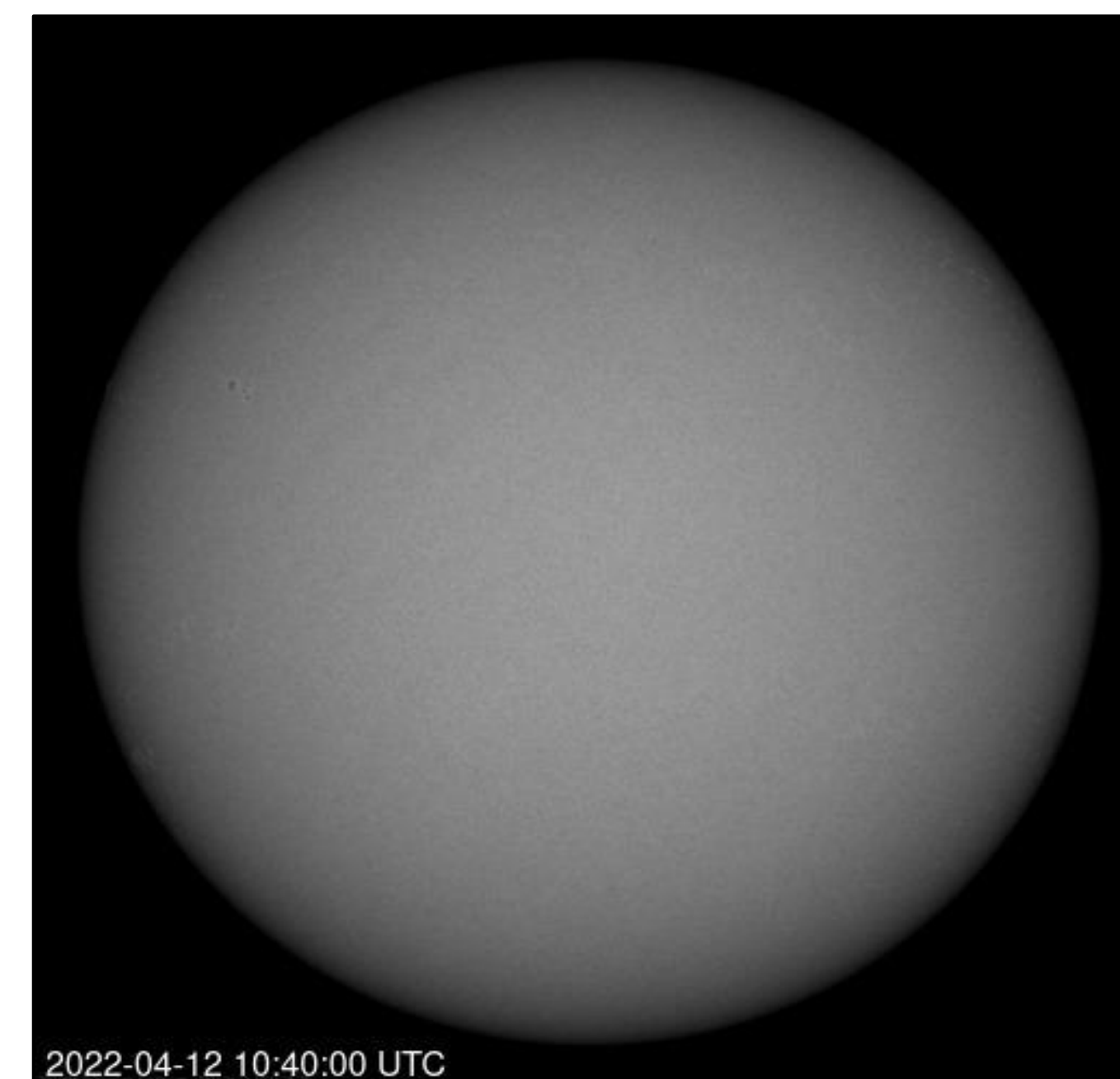
Space Weather 3-Day Forecast

| | Tuesday | Wednesday | Thursday |
|--------------------------------------|-------------------------------|-------------------------------|---|
| Geomagnetic Storms | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) | Moderate (G2) Storm (Max Kp = 6) |
| Solar Radiation Storm (S1-S5) | 1% | 1% | 1% |
| Radio Blackout (R1-R2) | 1% | 1% | 1% |
| Radio Blackout (R3-R5) | 1% | 1% | 1% |



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix for FEMA Region VI

| Color | Definition | Criteria | Example(s) |
|--------|--|---|--|
| Green | Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines | Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active | <ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as sea breeze storms in coastal TX |
| Yellow | Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life | Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook | <ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail |
| Orange | Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life | Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected |
| Red | Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life | Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought | <ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue |
| Purple | Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought | <ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov